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APPENDIX C

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|---|---|----------------------|------------------------|
| In re United States Patent Application of: |) | Docket No.: | 2771-546 CIP II |
| Applicant: |) | Examiner: | DAM, Tuan Quang |
| Application No.: |) | Art Group: | 2122 |
| Date Filed: |) | Confirm. No.: | 2238 |
| Title: |) | Customer No.: | |
| APPARATUS AND PROCESS |) | | |
| FOR SENSING FLUORO |) | | |
| SPECIES IN |) | | |
| SEMICONDUCTOR |) | | |
| PROCESSING SYSTEMS |) | | |

25559

**WRITTEN CONSENT OF ASSIGNEE, ADVANCED TECHNOLOGY MATERIALS, INC., TO
CHANGE OF INVENTORSHIP UNDER 37 CFR 1.48(a) IN
U.S. PATENT APPLICATION NO. 10/784,750**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Advanced Technology Materials, Inc. as the assignee of the above-identified application, evidenced by the attached statement under 37 CFR 3.73(b), hereby consents to the requested correction of inventorship concurrently being submitted in this application, in which Frank DiMeo, Jr., Philip S. H. Chen, Ing-Shin Chen, Jeffrey W. Neuner and James Welch were originally identified as the co-inventors, to add Richard Kramer as a co-inventor.

The undersigned hereby states that he has the authority to act on behalf of the assignee in this matter, as Chief Intellectual Property Counsel of the assignee.

It therefore is requested that the U.S. Patent and Trademark Office correct the inventorship records of the above-identified application, to add Richard Kramer as a co-inventor for the application, so that the

inventorship is correctly stated as Frank DiMeo, Jr., Philip S. H. Chen, Ing-Shin Chen, Jeffrey W. Neuner and James Welch and Richard Kramer.

Respectfully submitted,



John Boyd
Reg. No. 38,055
Chief Intellectual Property Counsel

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
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Attorney File No.: ATMI-546 CIP II (7494)

PTO/SB/06 (06-04)

Approved for use through 07/31/2006. OMB 0557-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Advanced Technology Materials, Inc.Application No./Patent No.: 10/784,750 Filed/Issue Date: February 23, 2004Entitled: APPARATUS AND PROCESS FOR SENSING FLUORO SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMSAdvanced Technology Materials, Inc. Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

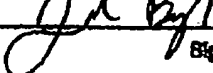
A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015026, Frame 0487, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


SignatureJohn Boyd

Printed or Typed Name

Chief Intellectual Property Counsel

Title

7/7/05

Date

(203) 794-1100

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 24, 2004

PTAS

ADVANCED TECHNOLOGY MATERIALS, INC.
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102686267A

UNITED STATES PATENT AND TRADEMARK OFFICE
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 02/23/2004

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DOCKET NUMBER: ATMI-546 CIP-II

ASSIGNOR:

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DOC DATE: 02/18/2004

ASSIGNOR:

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DOC DATE: 02/18/2004

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DOC DATE: 02/18/2004

ASSIGNOR:

NEUNER, JEFFREY W.

DOC DATE: 02/18/2004

ASSIGNOR:

WELCH, JAMES

DOC DATE: 02/12/2004

015026/0487 PAGE 2

ASSIGNEE:
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INC.
7 COMMERCE DRIVE
DANBURY, CONNECTICUT 06810

SERIAL NUMBER: 10784750 ✓

FILING DATE: 02/23/2004 ✓

PATENT NUMBER:

ISSUE DATE:

TITLE: APPARATUS AND PROCESS FOR SENSING FLUORO SPECIES IN SEMICONDUCTOR
PROCESSING SYSTEMS

LENELL MACKALL, SUPERVISOR
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS